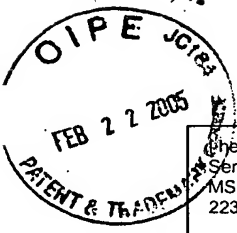
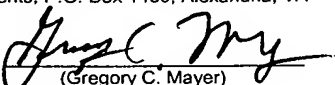


ZFW



Whereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.  
Dated: February 16, 2005 Signature:   
(Gregory C. Mayer)

Docket No.: 30302/014252  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
H. G. Wang et al.

Application No.: 10/727,764

Confirmation No.: 7578

Filed: December 3, 2003

Art Unit: 3644

For: UNIFIED SENSOR-BASED ATTITUDE  
DETERMINATION AND CONTROL FOR  
SPACECRAFT OPERATIONS

Examiner: Stephen A. Holzen

**AMENDMENT "A"**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the office action mailed on November 17, 2004, please amend the above-identified U.S. patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 6 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.